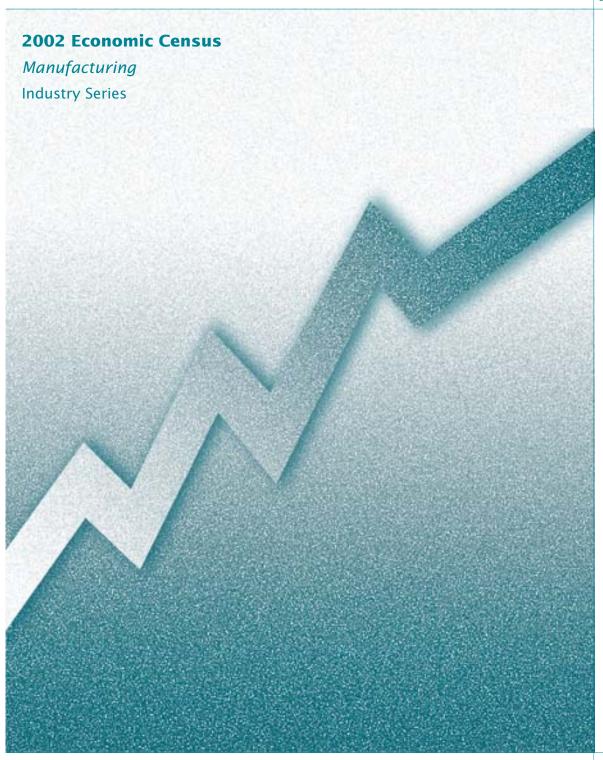
Ornamental and Architectural Metal Work Manufacturing: 2002

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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

		All	All employees		Production workers				Total		Total capital
Industry and year ¹	Com- panies ²	estab- lish- ments ³	Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	shipments	expendi- tures (\$1,000)
332323, Ornamental and architectural metal work manufacturing	2 294 N N N	2 342 N N N	37 318 37 492 37 629 38 356 36 447	1 307 092 1 207 801 1 192 607 1 140 032 1 080 872	26 538 27 018 27 339 27 925 26 631	50 317 52 869 56 343 57 972 54 641	760 330 712 868 701 169 667 661 656 375		2 219 046 2 454 094 2 393 583 2 274 581 2 075 071	5 369 833 5 276 315 5 100 083 4 850 562 4 406 917	146 575 129 513 128 383 129 231 122 157
1997	1 845	1 890	34 876	985 687	24 999	49 743	599 911	2 249 912	1 932 786	4 178 276	98 912

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

		All establ	ishments ²	All em	ployees	Pr	oduction worl	kers				
Industry and geographic area	E¹	Total	With 20 em- ploy- ees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
332323, Ornamental and architectural metal work manufacturing												
United States. Alabama Arizona Arkansas California Colorado Connecticut Florida Georgia Illinois Indiana	1 3 4 1 1 1 - 1	2 342 48 65 24 312 60 32 143 52 75 47	442 14 10 1 44 5 8 17 12 25 21	37 318 1 338 1 041 129 4 311 548 515 1 957 1 349 1 808 1 251	1 307 092 46 515 28 117 3 247 157 775 14 759 22 102 57 424 45 687 67 759 35 964	26 538 928 886 94 3 093 310 366 1 518 996 1 244 931	50 317 1 693 1 616 1 252 630 641 2 965 1 984 2 492 1 802	760 330 24 768 20 246 1 925 95 268 9 313 10 047 36 789 27 797 36 890 22 725	3 120 547 107 687 66 923 6 322 446 467 27 728 44 958 134 011 93 646 177 899 115 507	2 219 046 90 855 42 122 6 223 243 531 17 859 37 896 109 684 94 275 102 487 62 308	5 369 833 198 441 108 990 12 523 686 275 47 473 84 116 244 318 188 899 279 827 177 397	r146 575 r4 290 r3 752 r146 r10 180 r1 208 r4 957 r4 499 r4 354 r9 197 r4 295
lowa Kansas Kentucky Louisiana Maryland Massachusetts Michigan Minnesota Mississippi Missouri	2 - 5 5 1 3 - - 1	27 24 41 20 39 57 52 52 14	5 6 3 4 11 12 10 15 4	301 568 310 258 871 805 1 272 714 298 830	8 932 16 559 9 127 8 426 37 658 36 375 50 265 27 914 10 483 33 350	240 441 232 182 548 546 931 489 216 531	462 869 360 304 1 114 1 084 1 905 957 465 1 014	6 265 9 687 5 496 4 531 19 270 20 211 30 731 16 036 6 001 17 034	20 333 33 273 17 459 17 985 101 222 57 596 114 733 73 418 56 745 57 609	17 566 29 217 15 382 11 598 50 747 53 147 78 159 53 642 37 879 52 464	37 847 61 369 32 749 29 530 152 172 124 887 194 753 127 882 95 628 111 590	r346 r1 042 r484 r1 304 r3 087 r2 324 r6 921 r3 048 r911 r2 349
Nebraska Nevada New Jersey New Mexico New York North Carolina Ohio Oklahoma Oregon Pennsylvania	5 1 2 2 3 1 - 4 1	17 16 70 27 163 51 78 30 47 107	1 14 3 31 13 26 5 5	122 168 860 177 2 390 900 2 286 683 500 1 797	3 712 5 525 34 206 5 631 91 814 28 042 76 364 17 369 21 939 68 616	89 132 605 119 1 506 711 1 558 582 349 1 222	159 251 1 133 215 3 067 1 374 3 129 1 063 621 2 484	2 268 3 738 18 669 3 308 49 101 17 187 44 557 13 482 13 925 37 929	6 674 21 461 79 687 19 848 184 975 69 411 192 385 50 617 34 201 176 816	4 995 19 858 46 061 7 692 132 104 45 009 183 738 24 038 25 376 144 911	11 720 39 955 127 969 27 879 315 798 113 454 372 246 74 486 59 372 323 291	r1 265 r536 r2 431 r657 r6 927 r5 810 r10 080 r1 653 r889 r6 217
South Carolina Tennessee Texas Utah Virginia Washington Wisconsin	2 4 1 2 4 3 -	24 36 178 42 28 65 42	1 8 41 8 3 4 8	151 615 3 097 532 287 576 806	4 573 21 485 101 226 18 523 12 630 19 798 27 662	100 439 2 257 401 193 437 500	171 848 4 304 800 389 666 873	2 578 12 317 59 238 11 927 7 327 12 256 13 600	7 113 38 003 239 594 31 923 24 571 41 976 68 150	6 971 28 292 168 733 38 534 12 716 25 990 60 085	14 071 72 250 409 628 70 478 38 874 68 242 134 665	r314 r840 r29 148 r1 718 r1 186 r1 429 r2 581

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
332323, Ornamental and architectural metal work manufacturing	
Companies ¹ number	2 294
All establishments ² number. Establishments with 1 to 19 employeesnumber. Establishments with 20 to 99 employeesnumber. Establishments with 100 employees or morenumber.	2 342 1 900 379 63
All employees3 number. Total compensation \$1,000. Annual payroll \$1,000. Total fringe benefits \$1,000.	37 318 1 591 558 1 307 092 284 466
Production workers, average for year	26 538 26 314 26 694 26 715 26 353
Production worker hours	50 317 760 330
Total cost of materials \$1,000. Materials, parts, containers, packaging, etc., used \$1,000. Resales \$1,000. Purchased fuels \$1,000. Purchased electricity \$1,000. Contract work \$1,000.	2 219 046 1 900 707 157 684 12 262 28 589 119 804
Quantity of electricity purchased for heat and power	420 881 S
Total value of shipments \$1,000. Primary products value of shipments \$1,000. Secondary products value of shipments \$1,000. Total miscellaneous receipts \$1,000. Value of resales \$1,000. Contract receipts \$1,000. Other miscellaneous receipts \$1,000.	5 369 833 4 655 234 418 692 295 907 196 915 30 257 68 735
Primary products specialization ratio percent. Value of primary products shipments made in all industries \$1,000. Value of primary products shipments made in this industry \$1,000. Value of primary products shipments made in other industries \$1,000.	92 5 165 935 4 655 234 510 701
Coverage ratiopercent	90
Value added\$1,000	3 120 547
Total inventories, beginning of year \$1,000 Finished goods inventories \$1,000 Work-in-process inventories \$1,000 Materials and supplies inventories \$1,000	619 754 249 821 139 159 230 774
Total inventories, end of year \$1,000. Finished goods inventories \$1,000. Work-in-process inventories \$1,000. Materials and supplies inventories \$1,000.	592 511 234 770 123 970 233 771
Gross value of depreciable assets (acquisition costs) at beginning of year	'1 333 784 '146 575 '14 691 '131 884 '10 861 '10 702 '110 321 '86 492 '1 393 867
Depreciation charges during year\$1,000	^r 111 406
Total rental payments \$1,000 Buildings and other structures \$1,000 Machinery and equipment \$1,000	102 927 67 485 35 442
Total other expenses ⁴ . \$1,000. Response coverage ratio ⁵ . percent. Repair and maintenance services of buildings and/or machinery ⁴ . \$1,000. Communications services ⁴ . \$1,000. Legal services ⁴ . \$1,000. Accounting, auditing, and bookkeeping services ⁴ . \$1,000. Advertising and promotional services ⁴ . \$1,000. Expensed computer hardware and supplies and purchased computer services ⁴ . \$1,000. Refuse removal (including hazardous waste) services ⁴ . \$1,000. Management consulting and administrative services ⁴ . \$1,000. Taxes and license fees ³ . \$1,000. All other expenses ⁴ . \$1,000.	315 236 75 23 601 9 663 6 996 5 912 17 123 4 890 3 500 19 536 7 866 216 149

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.
2Includes establishments with payroll at any time during the year.
3Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.
4Based on 2002 Annual Survey of Manufactures (ASM) sample data.
5A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class			All emp	oloyees	Pr	Production workers			Total	Total	Total capital
		All estab- lish- ments ²	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	expendi- tures (\$1,000)
332323, Ornamental and architectural metal work manufacturing											
All establishments	1	2 342	37 318	1 307 092	26 538	50 317	760 330	3 120 547	2 219 046	5 369 833	^r 146 575
1 to 4 employees	9 4 2 1 1 - - -	1 200 335 365 271 108 47 15 1	9 2 316 4 975 8 173 7 236 6 576 4 986 f	78 094 166 749 305 406 267 241 237 804 145 252 D	D 1 614 3 542 5 717 4 900 4 606 3 972 D	D 2 816 6 015 11 188 9 717 9 261 7 356 D	45 695 97 436 171 729 148 542 132 211 100 532 D	D 168 806 360 548 725 990 640 525 614 423 395 026 D	D 120 358 255 379 429 643 542 719 484 588 227 575 D —	288 733 622 051 1 150 492 1 193 658 1 118 081 622 232 D	D '8 334 '17 536 '26 013 '24 389 '38 245 '22 743 D
Administrative records ⁴	9	1 181	2 708	90 921	1 909	3 422	52 863	187 035	149 602	336 612	r5 900

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–11 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

size classes shown.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or		All	All employees		Pr	oduction work	ers		Total	Total	Total capital
product class code	Industry or primary product class	estab- lish- ments ¹	Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	expendi- tures (\$1,000)
332323	Ornamental and architectural metal work manufacturing	2 342	37 318	1 307 092	26 538	50 317	760 330	3 120 547	2 219 046	5 369 833	^r 146 575
3323231 3323233	Metal grilles, registers, and air diffusers	40	5 607	159 177	4 574	9 066	110 617	421 676	253 458	677 167	r24 797
3323236	work	475	11 808	418 728	8 146	14 681	233 797	965 690	586 115	1 568 111	r38 617
	studs	48	1 792	71 189	1 163	2 365	37 295	166 861	188 797	355 336	r5 032
3323237	Metal scaffolding and shoring and forming for concrete work	62	3 557	129 055	2 555	4 889	77 746	370 284	221 507	594 599	r32 426
3323239	Other architectural and ornamental work	210	7 168	264 149	4 866	9 438	147 401	654 412	551 227	1 212 684	r25 811

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Products Statistics: 2002 and 1997 Table 6a.

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Broduct		Number of companies with		Product s	hipments
Product code	Product	shipments of \$100,000 or more	Quantity of production for all purposes	Quantity	Value (\$1,000)
332323	Ornamental and architectural metal work manufacturing	N N	X	X	5 165 935 4 243 440
3323231	Metal grilles, registers, and air diffusers	N N	X X	X	575 893 494 749
33232311	Other grills, including open mesh partitions	N N	XX	X X	267 502 169 194
3323231106	Aluminum warm air and air-conditioning grills, registers, and air diffusers	26	x	х	201 410
3323231111	Other iron and steel grills (including open mesh partitions)	16 25	X	X X X X	135 232 46 909
3323231116	Other aluminum grills (including open mesh partitions)	11 12 6	X X X	X X	15 694 19 183 18 268
33232312	Iron and steel warm air and air-conditioning grills, registers, and air diffusers	N N	x	x	306 991
3323231201	lron and steel warm air and air-conditioning grills, registers,	N	×	×	308 045 306 991
3323231Y	and air diffusers	28 36 N	X X X	X X Y	308 045 1 400
3323231YWV	Metal grilles, registers, and air diffusers, nsk	N N	XX	X X X X	17 510 1 400
	1997	N	X		17 510
3323233	Ornamental and architectural metal work	N N	X	X	1 578 628 1 219 589
33232331	Iron, steel, and aluminum stairs, staircases, and fire escapes	N N	XX	X X	962 080 666 673
3323233101	Iron and steel stairs, staircases, fire escapes, and expanded metal plaster lath	651	X	X	804 381 549 586
3323233106	Aluminum stairs, staircases, fire escapes, and metal plaster base accessories (including corner beads, screens, grounds, etc)	554	×	×	157 699
33232332	Steel and aluminum fences, gates (other than wire), and	60	X	X	117 087
	railings and window guards	N N	X	X	535 190 544 775
3323233211	Iron and steel fences and gates (other than wire)	198 220	X	X X X X	189 150 305 208
3323233216 3323233221	Aluminum fences and gates (other than wire)	43 40	XX	x	114 374 39 456
3323233221	Iron, steel, and aluminum metal railings and window guards (other than wire)	221 240	X	X	231 666 200 111
3323233Y	Ornamental and architectural metal work, nsk	N N	X X	x x	81 358 8 141
3323233YWV	Ornamental and architectural metal work, nsk	N N	X	X X X X	81 358 8 141
3323236	Open metal flooring, grating, and studs2002	N.	X	x	364 712
33232361	Open iron, steel, and aluminum flooring and grating for building construction	N N	x x	X X	N 364 712
3323236101	Open iron and steel flooring and grating for building	N N	â	x̂	364 712 N
0020200101	construction	101 N	X	X	314 050 N
3323236106	Open aluminum flooring and grating for building construction	30	х		50 662
3323236Y	Open metal flooring, grating, and studs, nsk	N N	X	X	N -
3323236YWV	Open metal flooring, grating, and studs, nsk	N N	X	X X X X X	N - N
3323237	1997 Metal scaffolding and shoring and forming for concrete work	N N	X X		564 280
33232371	Scaffolding, shoring and forming for concrete work (iron,	N	×	X	394 620
	steel, aluminum, and all other material combinations)	N N	XX	XX	551 303 394 620
3323237101	Suspended scaffolding for concrete work (including midpoint, two-point, multilevel, boatswain chairs, etc.)	10	V	V	04.007
3323237106	(iron, steel, and aluminum)	12 15	XX	XX	34 287 45 476
3323237100	coupler system, prefabricated work (including tube and soupler system, prefabricated mobil scaffolds, etc.) (iron, steel, and aluminum)	16	x	x	D
3323237111	Shoring for concrete work (including flying forms,	23	x	x	158 700
	postshores, ellis clamps, reshores, etc.) (iron, steel, and aluminum)	10	x	x	D
3323237116	Forming for concrete work (including modular, prefabricated	7	X	X	21 843
	custom design, etc.) (iron, steel, aluminum, and all other material combinations)	34 54	X	X	184 848 168 601
3323237Y	Metal scaffolding and shoring and forming for concrete work, nsk	N N	x	x	12 977
3323237YWV	Metal scaffolding and shoring and forming for concrete	Ň	x	â	12 977 N
	work, nsk	N N	X	X	12 977 N
3323239	Other architectural and ornamental work	N	x	x	1 207 486
33232391	Other aluminum and metal architectural and ornamental	N N	X	X	1 223 918
22222221400	work	N N	X	X X X X	314 920 222 180
3323239106	Other aluminum architectural and ornamental work	106 102	XX	X	227 063 146 873

See footnotes at end of table.

Products Statistics: 2002 and 1997—Con. Table 6a.

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

		Number of		Product s	shipments
Product code	Product	companies with shipments of \$100,000 or more	Quantity of production for all purposes	Quantity	Value (\$1,000)
332323 3323239 33232391 3323239111	Ornamental and architectural metal work manufacturing—Con. Other architectural and ornamental work—Con. Other aluminum and metal architectural and ornamental work—Con. Other metal architectural and ornamental work (other than				
33232392	iron, steel, and aluminum)	53 50 N	X X X	X X X	87 857 75 307 717 659
3323239201	Other iron and steel architectural and ornamental work	N 248 278	X X X	X	600 126 717 659
33232393	1997 Metal stalls and corrals	278 N N	X X X	X X X	600 126 39 675 120 905
3323239311	Metal stalls and corrals	23 46	x X	x X	39 675 120 905
3323239Y	Other architectural and ornamental work, nsk	N N	x X	x X	135 232 280 707
3323239YWV	Other architectural and ornamental work, nsk	N N N	XXX	x x	135 232 280 707
332323W	Ornamental and architectural metal work manufacturing, nsk, total	Ŋ	X	X	874 936
332323WY	Ornamental and architectural metal work manufacturing, nsk,	N	X	×	397 588
	total	N N	XX	XX	874 936 397 588
332323WYWW	Ornamental and architectural metal work manufacturing, nsk, for nonadministrative-record establishments	N N	X X	X X	549 671 222 913
332323WYWY	Ornamental and architectural metal work manufacturing, nsk, for administrative-record establishments	N N	X	X	325 265 174 675

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipmen (\$1,000
3323231	Metal grilles, registers, and air diffusers	
	United States	575 89
	1997 California	494 74 21 50
	1997 Florida	13 12 52 74 58 33 13 40
	1997 Illinois	58 33 13 40
	1997 Indiana	
	1997 New York	21 1 17 30 5 30 3 66
	1997	3 66
	Pennsylvania	4 2
	Texas	98 68 68 69
323233	Ornamental and architectural metal work	
	United States	1 578 6 1 219 5
	Alabama	52 8 52 6
	Arizona	52 6 25 9 19 4
	Arkansas	3 3: 5 9
	California	216 9- 142 1
	Colorado	29 9
	1997 Connecticut	21 5 24 0
	1997 Florida	33 3 103 7
	1997 Georgia	63 0 18 6
	1997 Illinois	24 9 79 4
	1997 Indiana	95 7 49 4
	1997	23 4 19 6
	lowa	14 8
	Kansas	10 8 5 0
	Kentucky	7 2 17 4
	Louisiana	8 8 7 2
	Maryland	40 3 31 7
	Massachusetts 2002.	31 7 53 6 17 2 21 8
	Michigan	21 8 17 2
	Minnesota 2002.	43 5
	1997. Mississippi	17 1 27 8
	1997. Missouri	3 8 28 7
	1997 Nebraska	24 7 2 6
	1997 Nevada	4 2
	1997 New Jersey	5 8 77 3
	1997 New Mexico	25 2 9 5
	1997. New York 2002.	5 3 65 4
	1997	48 (
	North Carolina	56 5 64 5
	Ohio	74 1 76 2
	Oklahoma	64 5 74 1 76 2 12 3 3 5
	Oregon	15 3 18 7
	Pennsylvania	161 ² 132 6
	South Carolina	9 6 18 0 26 3
	1997. Tennessee	26 3
	1997 Texas	20 · 82 (
	1997 Utah	66 (21 1
	1997 Virginia	21 S 26 C
	1997. Washington	17 6 10 2
	Washington 1997. Wisconsin 2002.	15 7 25 6
	1997.	15 2
323236	Open metal flooring, grating, and studs	
	United States	364 7
	Alabama	77 0

See footnotes at end of table.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997—Con.

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3323236	Open metal flooring, grating, and studs—Con.	
	United States—Con.	N
	California	31 532 N
	Connecticut	2 501 N
	Florida	6 088 N
	Illinois	31 235 N
	Maryland	5 909 N
	1997 Michigan	11 823
	1997 Minnesota	N 4 364
	1997 2002	N 24 346
	1997 Oklahoma	N 2 843
	1997 Pennsylvania	N 27 968
	1997 Texas	N 35 378
	1997 Washington	N 2 964
	1997	N
3323237	Metal scaffolding and shoring and forming for concrete work	
	United States	564 280 394 620
	Florida	14 808
	Georgia	N 5 147
	1997 Indiana	N 18 129
	1997. New York	N 9 633
	1997 Pennsylvania	9 633 9 545 27 892
	1997 Texas	21 654 39 508
	1997	26 360
3323239	Other architectural and ornamental work	
	United States	1 207 486 1 223 918
	Alabama	13 188 20 735 18 243 12 505
	Arizona	18 243 12 505
	California	83 147 181 932
	Colorado	4 721 28 846
	1997 Connecticut	28 846 44 095 8 972
	1997 Florida	22 844
	1997 Georgia	17 620 81 214
	1997 Illinois	72 123 69 017
	1997 Indiana	83 202 39 139 55 712
	1997 lowa	55 712 17 811
	1997 Kansas	38 772 9 046
	1997 Kentucky	6 610 2 565
	1997 Louisiana	7 521 4 710
	1997 Maryland	11 114 83 483
	1997. Massachusetts 2002.	31 265 28 189
	Michigan	22 587 48 535
	1997	11 995
	Minnesota	34 030 46 590
	Missouri	11 447 20 225
	New Jersey	22 791 21 606
	New York	145 712 75 383
	North Carolina	8 672 29 322
	Ohio	96 153 53 733
	Oklahoma	2 177 5 513
	Oregon	12 219 22 231
	Pennsylvania	85 915 43 431
	Tennessee	4 047 9 254
	Texas	52 898

See footnotes at end of table.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997—Con.

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3323239	Other architectural and ornamental work—Con.	
	United States—Con. 1997 Utah	69 235 19 893
	1997 Washington 2002.	5 004 14 617
	1997. Wisconsin	42 504 43 057 33 679

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
332323	Ornamental and architectural metal work manufacturing		
00900001	Total materials	X X	1 900 707
33272203	Metal bolts, nuts, screws, washers, rivets, and other screw machine products	X	1 709 743 43 178
33200095	Other fabricated metal products (excluding castings and forgings)	X X X	39 868 124 655 109 500
33100035	Castings, rough and semifinished	X	24 045 29 628
33120007	Steel bars, bar shapes, and plate (excluding castings, forgings, and fabricated metal products)	X	117 166
33120009	1997 Steel concrete reinforcing bars	X X X	127 666 1 534 9 827
33120016	Steel sheet and strip (including tinplate)	X	203 311
33120069	Steel structural shapes (excluding castings, forgings, and fabricated metal products)	X	N 86 142
33120038	All other steel shapes and forms (excluding castings, forgings, fabricated metal products, bar,	X	132 961
	bar shapes, plate, concrete, reinforcing bars, structural shapes, and sheet)	X X	159 717 N
33142111	Copper and copper-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products)	Х	9 893
33131500	1997 Aluminum and aluminum-base alloy sheet, plate, foil, and welded tubing	X	D 45 932
33131601	Aluminum and aluminum-base alloy extruded shapes (extruded rod, bar, pipe, tube, etc.)	X X	N 76 565
33131001	1997	â	70 303 N
33100007	All other aluminum and aluminum-base alloy shapes and forms, including refinery shapes (excluding castings and forgings)	X	31 700
00400077	1997	â	12 644
33100077	Other nonferrous shapes and forms (excluding castings, forgings, and fabricated metal products)	х	32 016
00190027	Iron and steel scrap (excluding home scrap)	X	N 20 367
	1997	Х	N
32551002	Paints, varnishes, stains, lacquers, shellacs, japans, enamels, and allied product	X X	29 857 N
00970099	All other materials and components, parts, containers, and supplies	x X	463 425 D
00971000	Materials, ingredients, containers, and supplies, nsk	X X X	431 204 393 634

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.